

What Is Claimed Is:

1. A signal cable rewinder with two rewinding discs comprising:

two housings for establishing an accommodation chamber, a pivot being formed in the middle of the inner side of the two housings, respectively;

5 two rewinding discs rotatably mounted on the pivots of the housings ;

two spiral springs fixed on the rewinding discs, both ends of each of the spiral springs being connected to the housing and the rewinding disc such that the two spiral springs have the resilience after being distorted; and

10 two signal cables each folded once in the middle thereof to form a double-folded member that engages into the respective rewinding disc, the double-folded member being wounded around the rewinding disc;

whereby two independently retractable and extendable signal cables are accommodated in a single housing.

15 2. The signal cable rewinder of claim 1 further comprising:

a plurality of indentations formed at the rim of each of the rewinding discs;

a through hole formed at the bottom of the housings, a release button with a compression spring being received within the through hole, the distal end of the release button protruding from the through hole; and

20 an arched projection formed on the outer wall of the release button;

whereby, when the signal cable is extended, the arched projection engages into the indentations for locking the rewinding disc in operation position; by pressing down the

release button, the projection of the release button is removable from the indentations for retracting the signal cable by the remaining resilience of the spiral spring to be completely wounded around the rewinding disc in a storage position.

- 5 3. The signal cable rewinder of claim 1 further comprising a central partition disposed within the two housing for dividing two sets of rewinding discs and signal cables into two individual units and for preventing them from interference by each other.

- 10 4. The signal cable rewinder of claim 2 further comprising a central partition disposed within the two housing for dividing two sets of rewinding discs and signal cables into two individual units and for preventing them from interference by each other.